

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q86486

Hidekazu KIMURA, et al.

Appln. No.: National Stage Entry of PCT/JP03/12385

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: February 25, 2005

Examiner: Unknown

For: A FUEL CELL, AN OPERATION METHOD OF THE SAME AND A PORTABLE  
INFORMATION DEVICE THAT HAVE THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

1. JP 52-66937 A, published June 2, 1977.
2. JP 51-4714 A, published January 16, 1976.
3. JP-2000-512797, published September 26, 2000.
4. JP 63-202861 A, published August 22, 1988.
5. JP 2001-935551 A, published April 6, 2001.

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U.S. Appln. No.: National Stage Entry of PCT/JP03/12385  
Attorney Docket No. Q86486

6. Tatsuya HATANAKA, "A Direct Methanol Type Fuel Cell", R & D Review of Toyota CRDL, Vol. 37, No. 1, pp. 59-64
7. JP-A H11-79703, published March 23, 1999.
8. JP-A H5-54900, published March 5, 1993.
9. JP-A 2000-317358, published November 21, 2000.
10. JP-A 2000-191304, published July 11, 2000.
11. JP-A 2002-93439, published March 29, 2002.
12. JP-A 2002-216832, published August 2, 2002.
13. JP-A 2001-102070, published April 13, 2001.
14. JP 50-161024U
15. JP 58-82478, published May 18, 1983.
16. JP-A 2002-184430, published June 28, 2002.
17. JP-A 2002-203585, published July 19, 2002.
18. JP-A 2002-56856, published February 22, 2002.
19. JP 2002-231290, published August 16, 2002.
20. JP 8-28741, published November 1, 1996.
21. JP 2002-38295 A, published February 6, 2002.
22. JP 2002-159917, published June 4, 2002.
23. JP 10-326622, published December 8, 1998.
24. JP 2003-346863, published December 5, 2003.
25. JP 2003-346846, published December 5, 2003.

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The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
Carl J. Pellegrini  
Registration No. 40,766

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: February 25, 2005

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Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

|                        |   |
|------------------------|---|
| Application Number     | National Stage Entry of<br>PCT/JP03/12385 |
| Confirmation Number    | Unknown                                   |
| Filing Date            | February 25, 2005                         |
| First Named Inventor   | Hidekazu KIMURA                           |
| Art Unit               | Unknown                                   |
| Examiner Name          | Unknown                                   |
| Attorney Docket Number | Q86486                                    |

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number |   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|-----------------------|--------------------------|-----------------|---|--------------------------------|---|
|                       |                          | Number          | Kind<br>Code <sup>2</sup><br>(if known) |                                |   |
|                       |                          | US              |   |                                |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document      |                     |   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Translation <sup>6</sup> |
|-----------------------|--------------------------|------------------------------|---------------------|---|--------------------------------|--|--------------------------|
|                       |                          | Country<br>Code <sup>3</sup> | Number <sup>4</sup> | Kind<br>Code <sup>5</sup><br>(if known) |                                |  |                          |
|                       |                          | JP                           | 52-66937            | A                                       | 06-02-1977                     | Shin-Kobe Electric Machinery Co., Ltd.             |                          |
|                       |                          | JP                           | 161024/1975         |   | 06-01-1977                     | Shin-Kobe Electric Machinery Co., Ltd.             |                          |
|                       |                          | JP                           | 58-82478            | A                                       | 05-18-1983                     | Matsushita Electric Industrial Co., Ltd.           |                          |
|                       |                          | JP                           | 51-4714             | A                                       | 01-16-1976                     | Nissan Motor Co., Ltd.                             |                          |
|                       |                          | JP                           | 2000-512797         |   | 09-26-2000                     | Siemens AG.  |                          |
|                       |                          | JP                           | 63-202861           | A                                       | 08-22-1988                     | Hitachi, Ltd.                                      |                          |
|                       |                          | JP                           | 2001-93551          | A                                       | 04-06-2001                     | Toshiba Corp.                                      |                          |
|                       |                          | JP                           | 11-79703            | A                                       | 03-23-1999                     |  |                          |
|                       |                          | JP                           | 5-54900             | A                                       | 03-05-1993                     |  |                          |
|                       |                          | JP                           | 2000-317358         | A                                       | 11-21-2000                     |  |                          |
|                       |                          | JP                           | 2000-191304         | A                                       | 07-11-2000                     |  |                          |
|                       |                          | JP                           | 2002-93439          | A                                       | 03-29-2002                     |  |                          |
|                       |                          | JP                           | 2001-102070         | A                                       | 04-13-2001                     |  |                          |
|                       |                          | JP                           | 50-161024           | U                                       |                                |  |                          |
|                       |                          | JP                           | 2002-184430         | A                                       | 06-28-2002                     |  |                          |
|                       |                          | JP                           | 2002-203585         | A                                       | 07-19-2002                     |  |                          |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|-----------------------|--------------------------|--|--------------------------|
|                       |                          | HATANAKA, "A Direct Methanol Type Fuel Cell", R & D Review of Toyota CRDL, Vol. 37, No. 1, pp. 59-64   | ABS                      |

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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MODIFIED PTO/SB/08 A &amp; B (06-03)

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|---|--|--|--|--------------------------|--|
| Substitute for Form 1449 A & B/PTO<br><br><b><u>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</u></b><br><br><i>(use as many sheets as necessary)</i> |  |  |  | <i>Complete if Known</i> |  |
|   |  |  |  | Application Number       | National Stage Entry of PCT/JP03/12306 |
|   |  |  |  | Confirmation Number      | Unknown                                |
|   |  |  |  | Filing Date              | February 25, 2005                      |
|   |  |  |  | First Named Inventor     | Hidekazu KIMURA                        |
|   |  |  |  | Art Unit                 | Unknown                                |
|   |  |  |  | Examiner Name            | Unknown                                |
| Sheet 2 of 2  |  |  |  | Attorney Docket Number   | Q86488                                 |

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|-----------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                             |   |
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|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|-----------------------------|--|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                             |  |                          |
|                    |                       | JP                        | 2002-56856          | A                                    | 02-22-2002                  |  |                          |
|                    |                       | JP                        | 2002-231290         |                                      | 08-16-2002                  | Toyota Central Research And Development Laboratories, Inc. |                          |
|                    |                       | JP                        | 2002-216832         | A                                    | 08-02-2002                  | Casio Computer Co., Ltd.                                   |                          |
|                    |                       | JP                        | 8-287941            | A                                    | 11-01-1996                  | Hideyori Takahashi   |                          |
|                    |                       | JP                        | 2002-38295          | A                                    | 02-06-2002                  | Sumitomo Bakelite Co., Ltd.                                |                          |
|                    |                       | JP                        | 2002-159917         |                                      | 06-04-2002                  | Kabushiki Kaisha Terumo Kogyo                              |                          |
|                    |                       | JP                        | 10-326622           |                                      | 12-08-1998                  | Matsuhita Electric Industrial Co., Ltd.                    |                          |
|                    |                       | JP                        | 2002-203585         |                                      | 07-19-2002                  | Toshiba Engineering Corp.                                  |                          |
|                    |                       | JP                        | 2003-346863         |                                      | 12-05-2003                  | NEC Corp.  |                          |
|                    |                       | JP                        | 2003-346846         |                                      | 12-05-2003                  | Seiko Epson Corp.  |                          |
|                    |                       |                           |                     |                                      |                             |  |                          |
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## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
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| Examiner Signature |  | Date Considered |  |
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